

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number
WO 2004/107326 A3

(51) International Patent Classification⁷: **G11B 20/00,**
G06F 1/00

Wolfgang [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).

(21) International Application Number:
PCT/IB2004/050802

(74) Agent: **RÖGGLA, Harald**; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).

(22) International Filing Date: 28 May 2004 (28.05.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03101589.4 2 June 2003 (02.06.2003) EP

(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

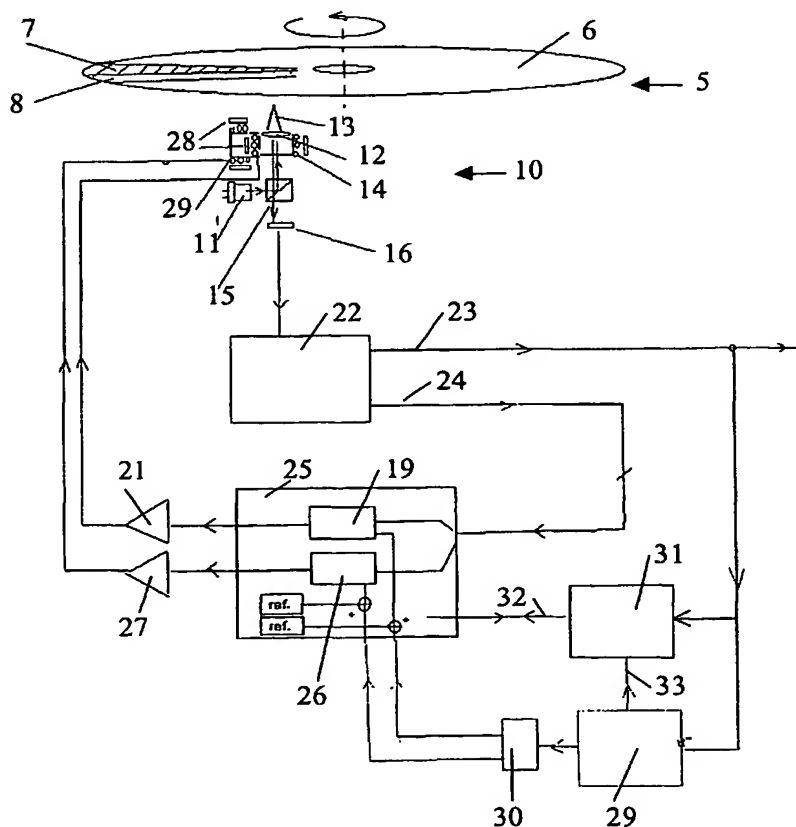
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

(72) Inventor; and

(75) Inventor/Applicant (for US only): **EBERDORFER,**

[Continued on next page]

(54) Title: **CONDITIONAL ACCESS TO STORED CONTENT USING NON-STANDARD MEDIA**



(57) Abstract: A data carrier with at least one data recording area (2, 6) in which data recording area data are stored in accordance with a predefined data recording standard, comprises at least one defective area (3, 7) in the data recording area (2, 6), which defective area is designed in such a way that it comes into conflict with at least one parameter of the predefined data recording standard, and further comprises at least one defect localization area (4, 8) containing position information on the position of the at least one defective area (3, 7) on the data carrier (1, 5).

WO 2004/107326 A3



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
10 February 2005

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

PCT/IB2004/050802

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B20/00 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/54713 A (DILLA LIMITED C) 3 December 1998 (1998-12-03)	1,3-5, 7-10, 18-21
Y	page 6, line 5 - page 8, line 30 page 12, line 13 - page 15, line 17; figures 1,2,5,6	15-17
X	US 6 005 839 A (OWA HIDEO ET AL) 21 December 1999 (1999-12-21)	1,3-5, 9-13,17, 18
Y	column 3, line 65 - column 10, line 9; figures 4,7-9	15-17
X	US 5 418 852 A (NARUMI TOSHIKATSU ET AL) 23 May 1995 (1995-05-23) column 15, line 4 - column 18, line 34; figures 17-32	1,4,10, 18-21
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

7 December 2004

Date of mailing of the international search report

21/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Gil Zamorano, A

INTERNATIONAL SEARCH REPORT

PCT/IB2004/050802

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/03386 A (GOYETTE DONALD ROLAND ; SELINFREUND RICHARD H (US); VERIFICATION TECHN) 10 January 2002 (2002-01-10) page 7 - page 8 page 25, line 26 - page 26, line 13 page 34, line 19 - page 38, line 28; figures 8,9 -----	1,2,4,10
X	US 5 572 589 A (WATERS LESTER L ET AL) 5 November 1996 (1996-11-05) column 3, line 11 - column 5, line 59; figures 4-7 -----	1,2,7,8, 10
A	EP 0 741 382 A (MATSUSHITA ELECTRIC IND CO LTD) 6 November 1996 (1996-11-06) column 3 - column 4 -----	1-21

INTERNATIONAL SEARCH REPORT

PCT/IB2004/050802

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9854713	A	03-12-1998	AU 7228298 A BR 9804931 A CA 2261899 A1 CN 1236468 T EP 1227482 A2 EP 0916134 A1 WO 9854713 A1 JP 2001507849 T KR 2000029683 A TW 399200 B US 6353890 B1 US 2002144123 A1	30-12-1998 08-09-1999 03-12-1998 24-11-1999 31-07-2002 19-05-1999 03-12-1998 12-06-2001 25-05-2000 21-07-2000 05-03-2002 03-10-2002
US 6005839	A	21-12-1999	JP 3467964 B2 JP 9115242 A CN 1154552 A , B	17-11-2003 02-05-1997 16-07-1997
US 5418852	A	23-05-1995	JP 2575987 B2 JP 5266574 A JP 2575988 B2 JP 5266575 A JP 2575989 B2 JP 5266576 A JP 2582507 B2 JP 5325418 A DE 4308680 A1 US 5982886 A	29-01-1997 15-10-1993 29-01-1997 15-10-1993 29-01-1997 15-10-1993 19-02-1997 10-12-1993 28-10-1993 09-11-1999
WO 0203386	A	10-01-2002	AU 5114001 A AU 5903301 A AU 7171301 A CA 2415047 A1 CA 2415094 A1 EP 1299880 A2 EP 1303858 A2 JP 2004502266 T JP 2004503043 T TW 544658 B WO 0202301 A1 WO 0203386 A2 WO 0203106 A2 WO 03044783 A1 US 2003047610 A1 US 2004115385 A1 US 2002001690 A1 US 2002031631 A1 US 2002197510 A1	14-01-2002 14-01-2002 14-01-2002 10-01-2002 10-01-2002 09-04-2003 23-04-2003 22-01-2004 29-01-2004 01-08-2003 10-01-2002 10-01-2002 10-01-2002 30-05-2003 13-03-2003 17-06-2004 03-01-2002 14-03-2002 26-12-2002
US 5572589	A	05-11-1996	NONE	
EP 0741382	A	06-11-1996	DE 69523139 D1 DE 69523139 T2 EP 0741382 A1 HK 1005299 A1 JP 3385028 B2 CN 1342979 A CN 1127049 A , B CN 1138915 A , B	15-11-2001 31-01-2002 06-11-1996 08-03-2002 10-03-2003 03-04-2002 17-07-1996 25-12-1996

INTERNATIONAL SEARCH REPORT

PCT/IB2004/050802

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0741382	A	DE 69529257 D1	06-02-2003
		DE 69529257 T2	13-11-2003
		EP 1120777 A2	01-08-2001
		EP 1271511 A2	02-01-2003
		EP 1480204 A1	24-11-2004
		EP 0706174 A1	10-04-1996
		JP 3296131 B2	24-06-2002
		JP 8273164 A	18-10-1996
		WO 9528704 A1	26-10-1995
		WO 9616401 A1	30-05-1996
		JP 3562509 B2	08-09-2004
		JP 2002230783 A	16-08-2002
		JP 3385281 B1	10-03-2003
		JP 2003115132 A	18-04-2003
		JP 3385282 B2	10-03-2003
		JP 2003068021 A	07-03-2003
		JP 3385283 B1	10-03-2003
		JP 2003115133 A	18-04-2003
		JP 3385284 B1	10-03-2003
		JP 2003115134 A	18-04-2003
		JP 2003115135 A	18-04-2003
		JP 2003115136 A	18-04-2003
		JP 3385285 B1	10-03-2003
		JP 2003115137 A	18-04-2003
		JP 2003115166 A	18-04-2003
		US 5881038 A	09-03-1999
		US 5761301 A	02-06-1998
		US 5805551 A	08-09-1998
		CN 1379394 A	13-11-2002
		CN 1474396 A	11-02-2004
		CN 1474385 A	11-02-2004
		CN 1166223 A	26-11-1997
		CN 1173942 A	18-02-1998
		DE 69610859 D1	07-12-2000
		DE 69610859 T2	15-03-2001
		DE 69610860 D1	07-12-2000
		DE 69610860 T2	15-03-2001
		DE 69610861 D1	07-12-2000
		DE 69610861 T2	15-03-2001
		DE 69611906 D1	05-04-2001
		DE 69611906 T2	21-06-2001
		DE 69613010 D1	28-06-2001